

Title (en)
Rf switch circuit

Title (de)
HF-Schalter

Title (fr)
Circuit de commutation RF

Publication
EP 2940866 B1 20211208 (EN)

Application
EP 14179725 A 20140804

Priority
• EP 14166710 A 20140430
• EP 14179725 A 20140804

Abstract (en)
[origin: EP2940866A2] A RF switching arrangement (400) is described including a bias swap circuit (30). The bias swap circuit switches the bias voltage dependent on the state of the RF switch. This improves the performance of the RF switch without requiring charge pump circuitry.

IPC 8 full level
H03K 17/06 (2006.01); **H03K 17/687** (2006.01); **H03K 17/693** (2006.01)

CPC (source: EP US)
H03K 17/063 (2013.01 - EP US); **H03K 17/687** (2013.01 - EP US); **H03K 17/6874** (2013.01 - EP US); **H03K 17/693** (2013.01 - EP US); **H03K 2017/066** (2013.01 - EP US); **H03K 2217/0054** (2013.01 - EP US)

Citation (examination)
• US 2009291645 A1 20091126 - CHU CHUN-HSUEH [TW], et al
• US 6502047 B1 20021231 - WEN JACK CHI-CHIEH [US]
• US 2014043110 A1 20140213 - KOBORI TSUTOMU [JP], et al
• US 2014028357 A1 20140130 - MEHTA NARENDRA SINGH [US], et al

Cited by
EP3518426A1; US10862524B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2940866 A2 20151104; EP 2940866 A3 20160127; EP 2940866 B1 20211208; CN 105024677 A 20151104; US 11316515 B2 20220426; US 2015318852 A1 20151105

DOCDB simple family (application)
EP 14179725 A 20140804; CN 201510208606 A 20150428; US 201514697860 A 20150428